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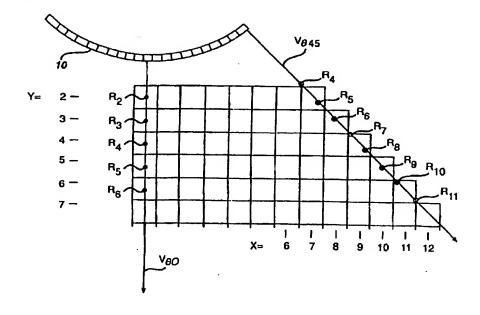
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- (54) Hand held ultrasonic diagnostic instrument
- (57) A hand held ultrasonic instrument is provided in a portable unit which performs both B mode and Doppler imaging. In a preferred embodiment an array trans-

ducer, digital beamformer, digital filter, and image processor are packaged in one or more enclosures weighing ten pounds (4.5 kilograms) or less.

FIG.16



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